

Butler, Douglas

From: PLUS
Sent: Wednesday, April 07, 2004 9:22 AM
To: Butler, Douglas
Subject: PLUS Results for 10674199

Here are the PLUS search results for 10674199.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10674199_QUAL.txt



10674199_LIST.txt



10674199_WEST.txt



10674199_EAST.txt



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10674199_CLS.txt



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10674199_LIST

PLUS Search Results for S/N 10674199, Searched April 07, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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4472778	4989703	3593089
4620567	5020322	3590689
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10674199_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10674199 on April 07, 2004

Original Classifications

3 318/269
3 318/370
3 340/431
2 60/404
2 60/547.1
2 180/197
2 192/220.1
2 192/221
2 303/116.1
2 303/155
2 303/3
2 318/139

Cross-Reference Classifications

3 60/418
3 60/562
3 60/582
3 91/516
3 303/113.4
3 307/10.1
3 310/68R
3 318/139
3 318/375
3 318/376
2 60/413
2 60/545
2 60/547.1
2 60/563
2 60/591
2 74/411.5
2 180/197
2 188/1.11L
2 188/1.11R
2 188/161
2 188/181A
2 188/195
2 188/290
2 188/296
2 192/219
2 192/221
2 303/10
2 303/114.1
2 303/115.4
2 303/15
2 303/155
2 303/22.1
2 303/9.75
2 307/9.1
2 310/71
2 310/93
2 318/363
2 318/380
2 340/539.1
2 439/35

2 477/186
2 701/70

Combined Classifications

5 318/139
4 60/547.1
4 60/562
4 180/197
4 192/221
4 303/113.4
4 303/155
4 340/431
3 60/404
3 60/418
3 60/545
3 60/582
3 91/516
3 188/161
3 303/10
3 303/114.1
3 307/10.1
3 310/68R
3 318/269
3 318/370
3 318/375
3 318/376
2 60/413
2 60/563
2 60/591
2 74/411.5
2 180/165
2 187/297
2 188/1.11L
2 188/1.11R
2 188/171
2 188/181A
2 188/195
2 188/290
2 188/296
2 192/219
2 192/220.1
2 192/223
2 303/114.3
2 303/115.4
2 303/116.1
2 303/116.2
2 303/119.1
2 303/15
2 303/180
2 303/20
2 303/22.1
2 303/3
2 303/52
2 303/9.75
2 307/10.8
2 307/9.1
2 310/179
2 310/71
2 310/93

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2 318/363
2 318/380
2 340/479
2 340/539.1
2 439/35
2 477/143
2 477/186
2 701/70
2 701/86

10674199_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10674199 on April 07, 2004

5 318/139 (2 OR, 3 XR)
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
318/139 BATTERY-FED MOTOR SYSTEMS

4 60/547.1 (2 OR, 2 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/547.1 ..With control of or by a separate power fluid,
etc.

4 60/562 (1 OR, 3 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/533 .Pulsator
60/562 ..Master piston of one pulsator circuit drives
master piston of a parallel circuit through a resilient,
fluid or lost motion connection

4 180/197 (2 OR, 2 XR)
Class 180 : MOTOR VEHICLES
180/197 WITH MEANS FOR DETECTING WHEEL SLIP DURING
VEHICLE ACCELERATION AND CONTROLLING IT BY REDUCING
APPLICATION OF POWER TO WHEEL

4 192/221 (2 OR, 2 XR)
Class 192 : CLUTCHES AND POWER-STOP CONTROL
192/215 TRANSMISSION AND BRAKE
192/218 .Motor vehicle
192/221 ..Fluid operated

4 303/113.4 (1 OR, 3 XR)
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/121 SPEED-CONTROLLED
303/113.1 .Having a valve system responsive to a wheel
lock signal
303/113.4 ..Including a stroke sensor

4 303/155 (2 OR, 2 XR)
Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
303/121 SPEED-CONTROLLED
303/155 .Braking pressure demand or braking force
desire

4 340/431 (3 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/431 .For trailer

3 60/404 (2 OR, 1 XR)
Class 060 : POWER PLANTS
60/325 PRESSURE FLUID SOURCE AND MOTOR
60/403 .Apparatus having means responsive to or
ameliorating the effects of breakage, plugging, mechanic

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failure or power failure

60/404 ..Stand-by stored energy means activated
 responsive to malfunction or power failure

3 60/418 (0 OR, 3 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/413 .With control means for structure storing work
 driving energy (e.g., accumulator, etc.)
 60/418 ..Control by sensor of accumulator condition

3 60/545 (1 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/545 ..Having electricity or magnetically operated
 structure

3 60/582 (0 OR, 3 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/582 ..Having safety standby structure becoming
 operative upon apparatus malfunction

3 91/516 (0 OR, 3 XR)
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE
 91/508 PLURAL RELATIVELY MOVABLE OR RIGIDLY
 INTERCONNECTED WORKING MEMBERS
 91/511 .Condition responsive means for modifying
 working member operation
 91/514 ..Pressure responsive valve divides motive
 fluid between motors
 91/516 ...To give one motor priority to motive fluid
 over another

3 188/161 (1 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
 188/161 ..Electromagnet

3 303/10 (1 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/10 WITH PUMP

3 303/114.1 (1 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/114.1 ..Including hydraulic power booster

3 307/10.1 (0 OR, 3 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile

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- 3 310/68R (0 OR, 3 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
- 3 318/269 (3 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/255 PLURAL DIVERSE MOTOR CONTROLS
 318/268 .Running-speed control
 318/269 ..With braking
- 3 318/370 (3 OR, 0 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/370 .Plural, diverse or diversely controlled
 braking means
- 3 318/375 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
- 3 318/376 (0 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/376 ..Regenerative
- 2 60/413 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/413 .With control means for structure storing work
 driving energy (e.g., accumulator, etc.)
- 2 60/563 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/563 ..Expansible chamber of output pressurized
 directly by motive fluid and indirectly by a master drive
 by the motive fluid
- 2 60/591 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/591 ..Having valve, director, or restrictor in
 pulse fluid flow path
- 2 74/411.5 (0 OR, 2 XR)
 Class 074 : MACHINE ELEMENT OR MECHANISM
 74/640 GEARING
 74/411.5 .With brake means for gearing
- 2 180/165 (1 OR, 1 XR)
 Class 180 : MOTOR VEHICLES

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- 180/165 WITH FLUID OR MECHANICAL MEANS TO ACCUMULATE
ENERGY (I) DERIVED FROM MOTION OF VEHICLE OR (II) OBTAINED
FROM OPERATION OF VEHICLE MOTOR, AND GIVE UP THE ENERGY (I)
WHEN NEEDED FOR VEHICLE ACCELERATION OR (2) TO POWER AN
AUXILIARY SYSTEM OF THE VEHICLE
- 1)
- 2 187/297 (1 OR, 1 XR)
Class 187 : ELEVATOR, INDUSTRIAL LIFT TRUCK, OR
STATIONARY LIFT FOR VEHICLE
187/250 HAVING SPECIFIC LOAD SUPPORT DRIVE-MEANS OR ITS
CONTROL
187/276 .Includes control for power source of
drive-means
187/277 ..With specific electrical component
187/289 ...For electric power source
187/293Controls power source speed
187/297Limited to power source (i.e., motor)
utilizing D.C. power
- 2 188/1.11L (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
188/1.11W .Wear
188/1.11L ..Electrical
- 2 188/1.11R (0 OR, 2 XR)
Class 188 : BRAKES
188/1.11R WITH CONDITION INDICATOR
- 2 188/171 (1 OR, 1 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/166 .Spring
188/171 ..Electric release
- 2 188/181A (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/174 .Weight
188/180 ..Regulators
188/181R ...Vehicle
188/181AAcceleration responsive
- 2 188/195 (0 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/195 .Load
- 2 188/290 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/290 .Using a rotary-type fluid damper
- 2 188/296 (0 OR, 2 XR)
Class 188 : BRAKES
188/266 INTERNAL-RESISTANCE MOTION RETARDER
188/290 .Using a rotary-type fluid damper

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- 188/296 ..Driving radial vanes which cause toroidal
 flow of brake fluid
- 2 192/219 (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/218 .Motor vehicle
 192/219 ..Transmission control affects brake
- 2 192/220.1 (2 OR, 0 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/218 .Motor vehicle
 192/220 ..Brake control affects transmission change
 192/220.1 ...Brake application neutralizes transmission
- 2 192/223 (1 OR, 1 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/215 TRANSMISSION AND BRAKE
 192/223 .Torque-responsive brake
- 2 303/114.3 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/114.3 ..Including pneumatic power booster
- 2 303/115.4 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/115.1 ..System controlled by expansible chamber type
 modulator
 303/115.4 ...Having pump pressure control
- 2 303/116.1 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/116.1 ..Including pump with system solenoid valve
- 2 303/116.2 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/116.1 ..Including pump with system solenoid valve
 303/116.2 ...Having pressure line isolated from master
 cylinder line
- 2 303/119.1 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal

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- 303/119.1 ..System controlled by solenoid valve
- 2 303/15 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/13 MULTIPLE CONTROL
 303/15 .Fluid and electric
- 2 303/180 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/177 .Sensing jerk, acceleration, or deceleration
 303/180 ..Rotary inertia
- 2 303/20 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/20 ELECTRIC CONTROL
- 2 303/22.1 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/22.1 LOAD CONTROL
- 2 303/3 (2 OR, 0 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/2 MULTIPLE SYSTEMS
 303/3 .Fluid pressure and electric
- 2 303/52 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/50 MOTORMAN'S VALVES
 303/52 .Multiple motors
- 2 303/9.75 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/5 MULTIPLE FLUID-RECEIVING DEVICES
 303/6.01 .Multiple motors
 303/9.62 ..Apportioning control
 303/9.75 ...Detail
- 2 307/10.8 (1 OR, 1 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
 307/10.1 .Automobile
 307/10.8 ..Lighting circuits
- 2 307/9.1 (0 OR, 2 XR)
 Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION
 SYSTEMS
 307/9.1 VEHICLE MOUNTED SYSTEMS
- 2 310/179 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/179 ..Windings and core structure
- 2 310/71 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC

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310/40R .Rotary
 310/66 ..With other elements
 310/68R ...Electric circuit elements
 310/71Connectors, terminals or lead-ins

2 310/93 (0 OR, 2 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/92 ..Torque-transmitting clutches or brakes
 310/93 ...Brake type

2 318/363 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/363 ."Spotting" or adjustment of braking controller
 during coasting

2 318/380 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/375 .Dynamic braking
 318/379 ..Locally closed armature circuit
 318/380 ...Closed through impedance or the like

2 340/479 (1 OR, 1 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
 340/468 .External signal light system
 340/479 ..Brake light

2 340/539.1 (0 OR, 2 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
 340/531 .With particular coupling link
 340/539.1 ..Radio

2 439/35 (0 OR, 2 XR)
 Class 439 : ELECTRICAL CONNECTORS
 439/34 WITH VEHICLE STRUCTURE
 439/35 .Connection to towed vehicle

2 477/143 (1 OR, 1 XR)
 Class 477 : INTERRELATED POWER DELIVERY CONTROLS,
 INCLUDING ENGINE CONTROL
 477/34 TRANSMISSION CONTROL
 477/115 .Transmission controlled by engine
 477/121 ..By input manifold pressure or engine fuel
 control
 477/143 ...Servo motor timing

2 477/186 (0 OR, 2 XR)
 Class 477 : INTERRELATED POWER DELIVERY CONTROLS,
 INCLUDING ENGINE CONTROL
 477/182 BRAKE CONTROL
 477/183 .Sensed condition responsive control of engine
 of brake
 477/184 ..Brake
 477/186 ...Speed or acceleration responsive

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2 701/70 (0 OR, 2 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/70 .Indication or control of braking,
 acceleration, or deceleration

2 701/86 (1 OR, 1 XR)
 Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
 RELATIVE LOCATION
 701/1 VEHICLE CONTROL, GUIDANCE, OPERATION, OR
 INDICATION
 701/70 .Indication or control of braking,
 acceleration, or deceleration
 701/82 ..Antispin, traction control, or drive slip
 control
 701/84 ...Control of engine torque
 701/86Having fuel cutting or ignition timing
 retarding